Forensic Engineering in the Construction Industry

Atlanta, GA - Tuesday, July 16, 2019

You’ll be able to:

- **Review** the duties of design professionals and understand the standard of care.
- **Explore** the legal and economic impacts of building failures.
- **Examine** the causes of structural failures, including design errors, material deficiencies and excessive loading.
- **Discuss** the forensic engineering process, including investigation, research and testing.
- **Examine** steel, wood, concrete and masonry failures.
- **Explore** the role of forensic engineering in the resolution of failure-related disputes.

**Continuing Education Credits**

**Professional Engineers**
- 7.0 PDHs

**Architects**
- 7.0 Public Protection PDUs/HSW CE hours

**Contractors**
- Non-Credit Continuing Ed.

Understand the causes of structural failures
Identify the importance of standards and codes
Examine different types of structures
Explore types of dispute resolution
Edward C. Haight, PhD, PE
Engineer and Chi Epsilon Civil Engineering Honor Society.

Dr. Haight has been a consulting engineer for most of his professional life. Although he is now semi-retired, he continues to share his vast knowledge of construction by teaching seminars and providing on-site services to contractors and design firms. In addition to his consulting work, Dr. Haight has also been active in professional organizations and has contributed to the development of codes and standards. He is a member of the American Society of Civil Engineers (ASCE), the National Academy of Forensic Engineers (NAFE), the Society of American Military Engineers (SAME), the Georgia Professional Engineers (GPE), the National Society of Professional Engineers (NSPE), and the Institute of Roofing (RCI). Ms. Davis is also an ASTM International E-58 Committee member and a member of the Engineer and Chi Epsilon Civil Engineering Honor Society.

Edward C. Haight, PhD, PE Consultant with Haight Davis & Associates, Inc.

Dr. Haight has been a consulting engineer for most of his professional life. Although he is now semi-retired, he continues to share his vast knowledge of construction by teaching seminars and serving as a consultant for various organizations. He obtained a bachelor of science degree in Civil Engineering and a master of science degree in Engineering Mechanics from Louisiana State University. He obtained his PhD degree in Engineering Mechanics from Georgia Tech. As a result of his experience in owning and developing companies in Louisiana and Georgia for over 17 years, he offers expert witness testimony in a number of areas in those fields, all of which involve construction technology. His specialty is construction defect claims. He has testified in over 250 trials, arbitrations, and depositions, and has served as both a mediator and an arbitrator in construction disputes.

Frank Davis, EIt Project Manager with Haight Davis & Associates, Inc.

Mr. Davis graduated from Georgia Tech in 2003 with a bachelor of science degree in Civil Engineering and serves as a project manager with Haight Davis & Associates, Inc. The majority of his experience, however, comes from over 20 years in the construction industry. Mr. Davis was originally trained as a construction equipment operator in both the US Navy and the US Army, starting in 1996, but was soon promoted to a supervisory position, directing the construction of large projects in various countries. After serving on active duty for over 10 years, Mr. Davis worked as a construction foreman and a superintendent in the Atlanta area, gaining more hands-on skills in the field of construction. His practical knowledge of construction and engineering issues has provided him with a solid foundation as an engineer. Mr. Davis is a member of the American Society of Civil Engineers (ASCE), the Georgia Professional Engineers (GPE), the National Society of Professional Engineers (NSPE), and the Institute of Roofing (RCI), and he is a Level II design professional with the Georgia Soil and Water Conservation Commission (GSWCC).

Executive Summary

The seminar will cover a wide range of topics related to construction technology and construction defect claims. The topics include investigative and forensic engineering, expert witness testimony, construction defect evaluation, construction management, structural failure analysis, and repair specifications for construction defects. The seminar will also cover the role of the arbitrator in construction disputes.

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Additional Learning

This seminar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 Public Protection PDUs/HSW Learning Units to architects in most states. Educators and courses are not subject to preapproval in Georgia. This event has been approved by the American Institute of Architects for 7.0 HSW Learning Units (Sponsor No. JB113). Only full attendance can be reported to the AIA/CEC. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE1700059), Maryland, New Jersey (Approval No. 24GP000000700), North Carolina, and North Dakota. This course offers a non-credit continuing education opportunity to construction contractors. It has not been approved by any contractor licensing board for mandatory continuing education. Attendance will be monitored, and attendance certificates will be available for the seminar for all individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Hyatt House/Cobb Galleria
5955 Cumberland Blvd. SE
Atlanta, GA 30339
(770) 541-2960

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Tuition:
$269.00
$289.00

Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a $39 service fee. Duplicates if necessary.

For more information visit:
www.halfmoonseminars.org/webinars/

Can’t Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package! Audio recordings of this seminar are available for purchase starting at $269. Please register online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

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For more information visit:
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